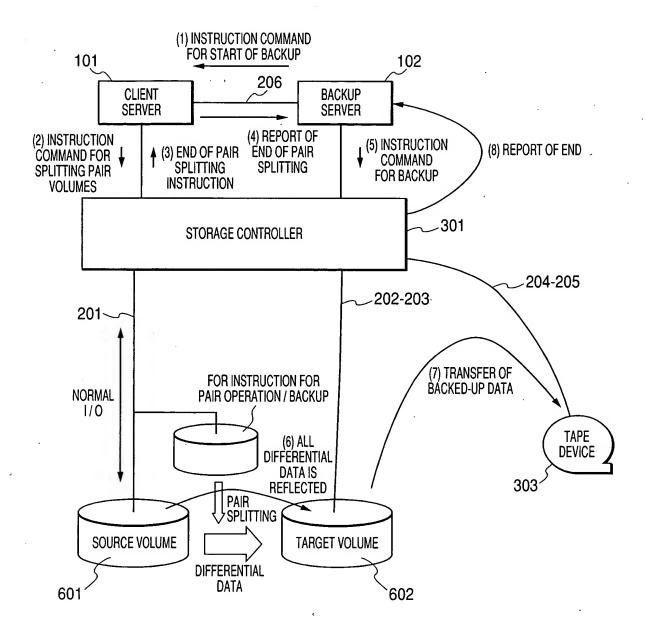
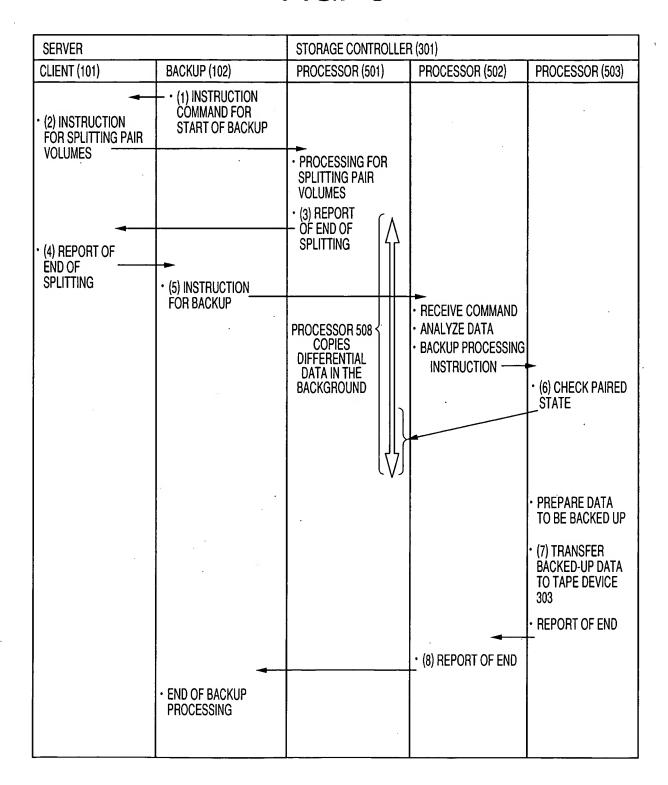
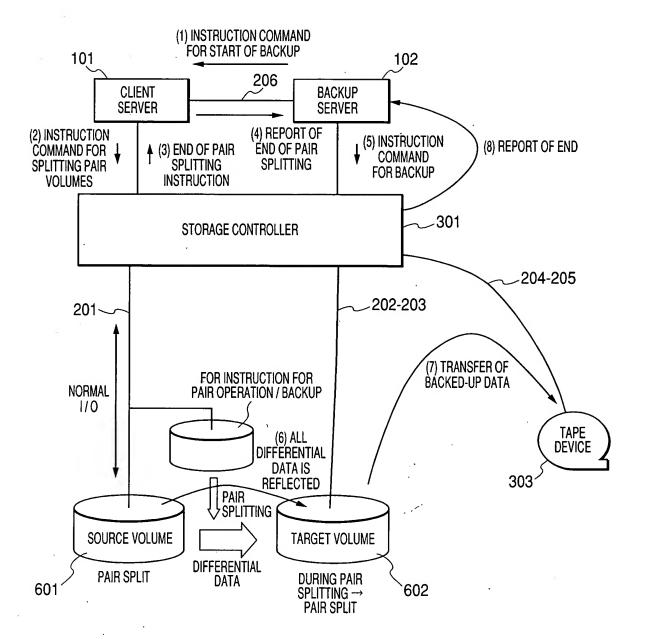


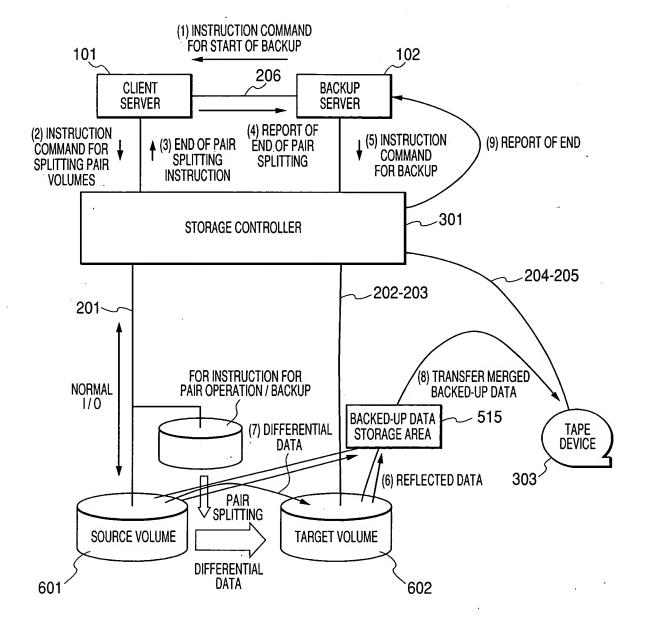
| SERVER       |   | STORAGE CONTROLLER (301)  |  |  |
|--------------|---|---|--|--|
| CLIENT (101) | BACKUP (102)  | PROCESSOR (501)   | PROCESSOR (502)  | PROCESSOR (503)  |
|              | BACKUP (102)  • (1) INSTRUCTION COMMAND FOR START OF BACKUP  • (5) INSTRUCTION COMMAND FOR BACKUP | PROCESSOR (501)  PROCESSING FOR SPLITTING PAIR VOLUMES  (3) REPORT OF END OF SPLITTING  PROCESSOR 508 COPIES DIFFERENTIAL | PROCESSOR (502)  PROCESSOR (502)  RECEIVE COMMAND ANALYZE DATA BACKUP PROCESSING |  |
|              | • END OF BACKUP   | DATA IN THE BACKGROUND  | INSTRUCTION ————————————————————————————————————                                 | • CHECK PAIRED STATE • CHECK BACKED-UP DATA • (6) WHEN DATA IS NOT REFLECTED FROM SOURCE VOLUME 601 TO TARGET VOLUME 602, DATA ABOUT RANGE TO BE BACKED UP IS REFLECTED FROM SOURCE VOLUME TO TARGET VOLUME • (7) TRANSFER BACKED-UP DATA TO TAPE DEVICE 303 • REPORT OF END |
|              | PROCESSING  |   |  |  |

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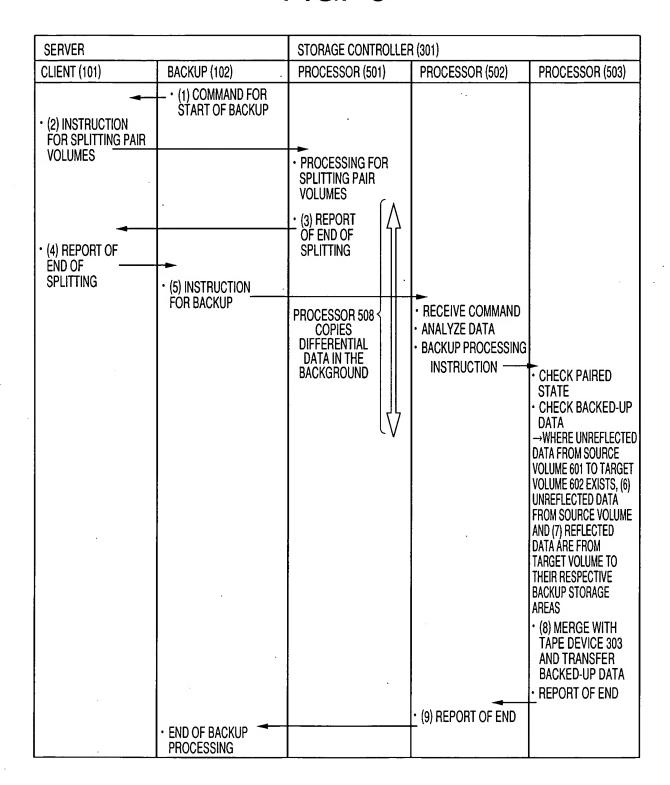


FIG. 10

